ABSTRACT OF THE DISCLOSURE

This invention provides a fuel cell catalyst material containing catalyst particles having a composition substantially represented by

5 AT_XN_U (1)

wherein A contains Pt or Pt and at least one noble metal element selected from the group consisting of Ru, Pd, Au, and Ag, T contains at least one element selected from the group consisting of Fe, Co, Ni, Sn, Mn, Cr, V, Ti, Mo, Nb, Zr, W, Ta, and Hf, and atomic ratios \underline{x} and \underline{u} fall within the ranges $0 \le x \le 4$ and $0.005 \le u \le 1$, respectively.